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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/433,497	11/03/1999	THIRU SRINIVASAN	1613(42059-0	2641

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EXAMINER

FERRIS, DERRICK W

ART UNIT	PAPER NUMBER
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2663

14

DATE MAILED: 11/17/2003

Please find below and/or attached an Office communication concerning this application or proceeding.

**Office Action Summary**

Application No.

09/433,497

Applicant(s)

SRINIVASAN, THIRU

Examiner

Derrick W. Ferris

Art Unit

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-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

**Period for Reply**

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133).
- Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

**Status**

- 1) ☒ Responsive to communication(s) filed on 26 September 2003.
- 2a) ☐ This action is **FINAL**.                      2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

**Disposition of Claims**

- 4) ☒ Claim(s) 28-30,32,33 and 42-56 is/are pending in the application.
- 4a) Of the above claim(s) \_\_\_\_\_ is/are withdrawn from consideration.
- 5) ☐ Claim(s) \_\_\_\_\_ is/are allowed.
- 6) ☒ Claim(s) 28-30,32,33 and 42-56 is/are rejected.
- 7) ☐ Claim(s) \_\_\_\_\_ is/are objected to.
- 8) ☐ Claim(s) \_\_\_\_\_ are subject to restriction and/or election requirement.

**Application Papers**

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☒ The drawing(s) filed on 03 November 1999 is/are: a) ☒ accepted or b) ☐ objected to by the Examiner.
- Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
- 11) ☐ The proposed drawing correction filed on \_\_\_\_\_ is: a) ☐ approved b) ☐ disapproved by the Examiner.
- If approved, corrected drawings are required in reply to this Office action.
- 12) ☐ The oath or declaration is objected to by the Examiner.

**Priority under 35 U.S.C. §§ 119 and 120**

- 13) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some \* c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
  2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
  3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).
- \* See the attached detailed Office action for a list of the certified copies not received.
- 14) ☐ Acknowledgment is made of a claim for domestic priority under 35 U.S.C. § 119(e) (to a provisional application).
- a) ☐ The translation of the foreign language provisional application has been received.
- 15) ☐ Acknowledgment is made of a claim for domestic priority under 35 U.S.C. §§ 120 and/or 121.

**Attachment(s)**

- 1) ☒ Notice of References Cited (PTO-892)
- 2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
- 3) ☐ Information Disclosure Statement(s) (PTO-1449) Paper No(s) \_\_\_\_\_.
- 4) ☐ Interview Summary (PTO-413) Paper No(s). \_\_\_\_\_.
- 5) ☐ Notice of Informal Patent Application (PTO-152)
- 6) ☐ Other: \_\_\_\_\_.

## DETAILED ACTION

### *Continued Examination Under 37 CFR 1.114*

1. A request for continued examination under 37 CFR 1.114, including the fee set forth in 37 CFR 1.17(e), was filed in this application after final rejection. Since this application is eligible for continued examination under 37 CFR 1.114, and the fee set forth in 37 CFR 1.17(e) has been timely paid, the finality of the previous Office action has been withdrawn pursuant to 37 CFR 1.114. Applicant's submission filed on 9/26/03 has been entered.

### *Response to Amendment*

2. **Claims 28-30, 32-33, and 42-56** as amended are still in consideration for this application. Applicant has amended claims 28 and 29. Applicant has canceled claims 31, 34-41. Applicant has added claims 42-56.

3. Examiner **withdraws** the 112-second paragraph rejection for Office action filed 05/23/02. Examiner thanks applicant for making the necessary corrections to clarify the recited claimed subject matter and thus withdraws the rejection.

4. Examiner **withdraws** the obviousness rejection to *Smyk* in view of *Nadeau* and *White et al.* for Office action filed 05/23/02 based the new amendments to the claims. At issue is teaching the general concept whereby a system user may provide routing instructions for all of their destination addresses [see applicant's remarks filed 9/26/03 on page 7, paragraph 3]. Examiner notes a general concept is at issue since applicant fails to distinctly point out the recited claim limitation(s) at issue. Examiner notes the general concept at issue only applies to independent claim 28 as claims 42 and 51 may not necessarily reflect applicant's general concept. Below the

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examiner has rewritten the previous rejection in order to clarify the examiner's position as well as to include the newly added limitations by the applicant.

***Claim Rejections - 35 USC § 103***

5. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

6. **Claims 28-30, 32-33, and 42-56** are rejected under 35 U.S.C. 103(a) as being unpatentable over U.S. Patent No. 6,240,449 B1 to *Nadeau* in view of U.S. Patent No. 6,161,128 A to *Smyk* and U.S. Patent No. 6,021,126 A to *White et al.* ("*White*"), and in further view to U.S. Patent No. 6,445,694 B1 to *Swartz*.

As to **claims 28 and 34**, *Nadeau* teaches the limitation of at least one interactive screen display presentable to the system users wherein the interactive system screen displays may establish routing instructions for one or more routing addresses based on at least date and time of day a connection is attempted with any of the plurality of destination addresses (e.g., see column 10, lines 23-30 with respect to an interactive display and column 10, lines 8-20 respect to time date and time of day routing). *Nadeau* also discloses a database in general for accessibly by the SCP so as to provide telephonic routing in response to a detected incoming telephone call to any of a plurality of destination addresses selected by the subscriber (e.g., see column 9, line 8 – column 9, lines 1-30 of *Nadeau*).

Examiner notes that *Nadeau* may be silent or deficient to a network server connectable to a network wherein the communications server is further configured to communicate with a service control point (SCP) in a telephone network. Examiner notes that it would have been obvious to one skilled in the art prior to applicant's invention to use a network server connectable to a network wherein the communications server is further configured to communicate with a service control point (SCP) in a telephone network. One motivation might be to facilitate the programming interface between the web server and database such that both use IP allowing for easy integration between a web server's interface and database (since both operate over IP). As support, examiner notes *Nadeau* discloses that the subscriber information database is on a packet network (e.g., data network) and also allows subscribers to access their profiles through a web browser [column 10, lines 23-30]. *Smyk* helps cure the above cite deficiency by further disclosing that a web front-end can also be used to make changes to service as shown in figure 2. Specifically shown in the figure is an AIN subscriber 201 connected to the Internet 202 that makes changes to service through an Internet gateway 203 via a web server 204. Not clearly disclosed by the reference is where the database is for storing subscriber information (i.e., the back-end database) such as the database for the SPACE application 206 [emphasis column 6, lines 27-47]. Shown in figure 3 is slightly more detail concerning the back-end interface 302 and application interface 301 for the web server 204. For example, the SPACE application 206 generates call processing records (CPR) and stores them in a database associated therewith. The SPACE application 206 can be used for entering and storing service subscriber subscription data (e.g., profile

information as referred to by *Nadeau*) and is the service creation and provisioning tool of the ISCP/node 205 [column 6, lines 28-44]. Examiner also notes further support taught by *White* showing a database 35 in figure 3 used to contain subscriber information used to route calls from a PSTN as illustrated in figure 4 (examiner notes that *White* is silent or deficient to how the database is populated which is taught by *Smyk* and as is known in the art). Thus with respect to the claim language, *Smyk* discloses a web server 204 used to communicate with a service control point in a telephonic network. Taught by *White* is a database 35 (i.e., subscriber information database) accessible by the SCP so as to provided telephonic routing (e.g., local number portability) in response to a detected attempt to connect with a destination address at the SCP. Shown by *Smyk* is at least one interactive screen display presentable to system users (i.e., AIN subscribers) accessing the network over the data network wherein the interactive screen displays are configured such that the system users may add, amend and/or delete routing addresses and information associated with one or more destination addresses stored in the subscriber information base (e.g., figure 5 of *Smyk*). Examiner notes that also at issue between the examiner and the applicant is the further concept that a system user may provide routing instructions for all of their destination addresses. Examiner notes that it would have been obvious to one skilled in the art prior to applicant's invention to provide routing instructions for all of their destination addresses. One motivation to provide routing instruction for all devices is a "follow me" routing capability. Examiner notes that *Nadeau* provides such general support [see column 10, lines 9-17]. *Swartz* provides additional support to cure the above-cited deficiency by disclosing "follow me" call

forwarding to enable calls to be automatically forwarded to one of plurality of different numbers in accordance with a predetermined time schedule (e.g., see column 11, lines 21-30 and figure 7). *Swartz* also further teaches various interactive screen displays as is known in the art.

As to **claim 29**, *Smyk* and *Nadeau* both disclose using web browsers [e.g., *Smyk* column 5, lines 47-63].

As to **claims 30 and 33**, *Nadeau* discloses general information stored in a subscriber database such as a subscriber number and date routing. Also mentioned is information pertaining to pager related calls such that it would have been obvious to also include information also regarding pager unavailability. One motivation might be a general time of day that a subscriber is not available to take pages.

As to **claim 32**, see at least column 3, lines 45-52 of *Smyk*.

As to **claims 42-43**, see the rejection for claim 28. Also see columns 9-10 of *Nadeau* with respect to identify a profile in the subscriber database associated with the received destination address.

As to **claim 44**, see at least figure 1 of *Nadeau*.

As to **claim 45**, see at least figure 7 of *Swartz*.

As to **claim 46**, see column 8, line 45 – column 9, line 8 of *Nadeau* or figures 5 and 6 of *Swartz*.

As to **claims 47-48**, see at least figure 7 of *Swartz*. Examiner notes a broad but reasonable interpretation of “predetermined order” based on date/time.

As to **claim 49**, see figure 6 of *Swartz*.

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As to **claim 50**, see column 10, lines 23-30.

As to **claims 51**, see the rejection for claim 28.

As to **claims 52**, see the rejection for claim 44.

As to **claims 53**, see the rejection for claim 43.

As to **claims 54**, see the rejection for claim 45.

As to **claims 55**, see the rejection for claim 46.

As to **claims 56**, see the rejection for claim 49.

### ***Conclusion***

7. The prior art made of record and not relied upon is considered pertinent to applicant's disclosure.

- US006205135B1 discloses a calling profile in figure 4 which can also be based on time and day (see column 7, lines 35-42).

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Derrick W. Ferris whose telephone number is (703) 305-4225. The examiner can normally be reached on M-F 9 A.M. - 4:30 P.M. E.S.T.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Chau Nguyen can be reached on (703) 308-5340. The fax phone number for the organization where this application or proceeding is assigned is (703) 872-9306.

Any inquiry of a general nature or relating to the status of this application or proceeding should be directed to the receptionist whose telephone number is 305-3900.

Derrick W. Ferris  
Examiner  
Art Unit 2663

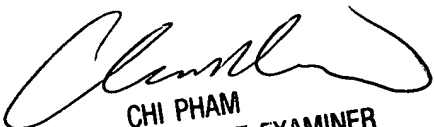


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